

Mazda Specific Codes

P1000 OBD II Monitor Testing Not Completed
P1001 Unable to Achieve Self-Test Function or SCP Error
P1100 Mass Airflow Sensor Circuit Intermittent
P1101 Mass Airflow Sensor Circuit out of Self-Test Range
P1102 Mass Airflow Sensor Signal Inconsistent with Throttle Position Sensor
P1103 Mass Airflow Sensor Signal Inconsistent with Engine Speed
P1110 Intake Air [Temperature Sensor](#)

Signal (Dynamic Chamber) Circuit

P1112 Intake Air Temperature Sensor Circuit Intermittent
P1113 Intake Air Temperature Sensor Signal (Dynamic Chamber) Circuit
P1114 Intake Air Temperature Sensor Circuit Low Input
P1116 ECT Sensor Circuit Out of [Self Test](#) Range
P1117 ECT Sensor Signal Intermittent
P1120 Throttle Position Sensor out of Range Low
P1121 Throttle Position Sensor Signal Not Consistent with Mass Airflow Signal
P1122 Throttle Position Stuck Closed
P1123 Throttle Position Stuck Open
P1124 Throttle Position Sensor Signal Out of Self Test Range
P1125 Throttle Position Sensor Signal Intermittent
P1127 HO2S Bank 1 Sensor 2 Heater Not On During Key On Engine Running Self Test
P1128 HO2S Bank 1 Sensor 1 Signals Swapped in Key On Engine Running Self Test
P1130 HO2S Bank 1 Sensor 1 Not Switching (Fuel Control Limit Reached)
P1131 HO2S Bank 1 Sensor 1 Signal Below 0.45v (A/F Ratio Too Lean)
P1132 HO2S Bank 1 Sensor 1 Signal Above 0.45v (A/F Ratio Too Rich)
P1135 HO2S Bank 1 Sensor 1 Heater Circuit Low Input
P1136 HO2S Bank 1 Sensor 1 Heater Circuit High Input
P1137 HO2S Bank 1 Sensor 2 Not Switching (Fuel Control Limit Reached)
P1138 HO2S Bank 1 Sensor 2 Signal Above 0.45v (A/F Ratio Too Rich)
P1141 HO2S Bank 1 Sensor 2 Heater Circuit Low Input
P1142 HO2S Bank 1 Sensor 2 Heater Circuit High Input
P1143 HO2S Bank 1 Sensor 3 Signal Below 0.45v (A/F Ratio Too Lean)
P1144 HO2S Bank 1 Sensor 3 Signal Above 0.45v (A/F Ratio Too Rich)
P1150 HO2S Bank 2 Sensor 1 Not Switching (Fuel Control Limit Reached)
P1151 HO2S Bank 2 Sensor 1 Signal Below 0.45v (A/F Ratio Too Lean)
P1152 HO2S Bank 2 Sensor 1 Signal Above 0.45v (A/F Ratio Too Rich)
P1169 HO2S Bank 1 Sensor 1 Circuit Fixed (Bank 1 Sensor 1)
P1170 HO2S Bank 1 Sensor 1 Circuit Fixed (Bank 1 Sensor 1)
P1173 HO2S Bank 2 Sensor 1 Circuit Fixed (Bank 2 Sensor 1)
P1195 EGR Boost Sensor Circuit
P1196 Ignition Switch Start Circuit
P1235 [Fuel Pump](#) Control Circuit
P1236 Fuel Pump Control Out Range
P1250 Pressure Regulator Control Solenoid Circuit

P1252 Pressure Regulator Control Solenoid '2' Circuit
P1260 Anti-Theft System Signal Detected - Engine Disabled
P1270 Engine RPM or Vehicle Speed Limit Reached
P1309 Misfire Detection Monitor
P1345 No CMP or SGC Signal
P1351 Ignition Diagnostic Monitor Signal Lost to PCM or Out Of Range
P1352 Ignition Coil 'A' Primary Circuit
P1353 Ignition Coil 'B' Primary Circuit
P1354 Ignition Coil 'C' Primary Circuit
P1358 Ignition Diagnostic Monitor Signal Out Of Self Test Range
P1359 SPOUT Signal Lost To Powertrain Control Module Or Out Of Range
P1360 Ignition Coil 'A' Secondary Circuit
P1361 Ignition Coil 'B' Secondary Circuit
P1362 Ignition Coil 'C' Secondary Circuit
P1364 Ignition Coil Primary Circuit
P1365 Ignition Coil Secondary Circuit
P1390 Octane Adjust Shorting Bar Out or Circuit Open
P1400 DPFE Sensor Circuit Low Input
P1401 DPFE Sensor Circuit High Input
P1402 EGR Valve Position Sensor Circuit
P1405 DPFE Sensor Upstream Hose Off Or Plugged
P1406 DPFE Sensor Downstream Hose Off or Plugged
P1407 No EGR Flow Detected
P1408 EGR System Flow Out of Key On Engine Running Self Test Range
P1409 EGR Vacuum Regulator Solenoid Circuit
P1410 EGR Boost Solenoid Valve Stuck
P1443 EVAP System Purge Flow Fault
P1444 EVAP Purge Flow Sensor Circuit Low Voltage
P1446 EVAP Purge Flow Sensor Circuit High Voltage
P1449 CDCV or Throttle PositionCV Circuit
P1450 EVAP Control System Fault
P1451 Canister Vent Solenoid Circuit
P1455 Fuel Tank Level Sensor Circuit
P1460 Wide Open Throttle A/C Cut-Off Relay Circuit
P1464 Air Conditioning Control Signal Circuit
P1474 Fan Control (Primary Winding) Circuit
P1479 Fan Control (Condenser Primary) Circuit
P1485 EGR Vacuum Solenoid Circuit
P1486 EGR Vent Solenoid Circuit
P1487 EGR-CHK (Boost) Solenoid Circuit
P1496 EGR Valve Motor Coil '1' Open or Shorted
P1497 EGR Valve Motor Coil '2' Open or Shorted
P1498 EGR Valve Motor Coil '3' Open or Shorted
P1499 EGR Valve Motor Coil '4' Open or Shorted
P1500 Vehicle Speed Sensor Intermittent Signal
P1501 Vehicle Speed Sensor Out of Self Test Range

P1502 Vehicle Speed Sensor Circuit Error
P1504 Idle Air Control Solenoid Circuit Intermittent
P1505 Idle Air Control System at Adaptive Clip
P1506 Idle Air Control System Overspeed Detected
P1507 Idle Air Control System Underspeed Detected
P1508 Bypass Air Solenoid '1' Circuit
P1509 Bypass Air Solenoid '2' Circuit
P1512 VTCS Fault
P1521 VRIS Solenoid '1' Circuit
P1522 VRIS Solenoid '2' Circuit
P1523 VICS Solenoid Circuit
P1524 Charge Air Cooler Bypass Solenoid Circuit
P1525 ABV Vacuum Solenoid Circuit
P1526 ABV Vent Solenoid Circuit
P1529 L/C Atmospheric Balance Air Control Valve Circuit
P1540 ABV System Fault
P1562 Powertrain Control Module +BB Voltage Low
P1569 VTCS Circuit Low Input
P1570 VTCS Circuit High Input
P1601 Powertrain Control Module Communication Line to TCM Error
P1602 Powertrain Control Module Communication Line to TCM Error
P1602 Immobilizer System Communication Error with Powertrain Control Module
P1603 Immobilizer System Fault
P1604 Immobilizer System Fault
P1605 Powertrain Control Module Keep Alive Memory Test Error
P1608 Powertrain Control Module (ECM CPU) DTC Test Fault
P1609 Powertrain Control Module (ECM CPU) Knock Sensor Circuit
P1621 Immobilizer System Fault
P1622 Immobilizer System Fault
P1623 Immobilizer System Fault
P1624 Immobilizer System Fault
P1627 Powertrain Control Module (ECM/TCS) Line Communication Error
P1628 Powertrain Control Module (ECM/TCS) Any Line Communication Error
P1631 Generator Output Voltage Signal (No Output)
P1632 Battery Voltage Monitor Circuit
P1633 Battery Overcharge Fault
P1634 Generator Terminal 'B' Circuit Open
P1650 Power Steering Pressure Switch Out of Range Fault
P1651 Power Steering Pressure [Switch Circuit](#)
P1652 Power Steering Pressure Switch Circuit
P1701 Transmission Range Sensor Reverse Engagement Error
P1702 Transmission Range Sensor Circuit Intermittent
P1703 Brake On/Off Switch Out of Self Test Range
P1705 Transmission Range Sensor out of Self Test Range
P1709 Clutch Pedal Position Switch Circuit
P1711 Transmission Fluid Temperature Sensor Circuit out of Self Test Range

P1713 Transmission Fluid Temperature Sensor Circuit
P1714 Shift Solenoid '1' Mechanical Fault
P1715 Shift Solenoid '2' Mechanical Fault
P1716 Shift Solenoid '3' Mechanical Fault
P1717 Shift Solenoid '4' Mechanical Fault
P1718 Transmission Fluid Temperature Sensor Circuit
P1720 Vehicle Speed Sensor '2' Signal Error
P1729 Transmission 4x4 Low Switch Error
P1740 Torque Converter Clutch Solenoid Mechanical Fault
P1741 Torque Converter Clutch Control Electrical Fault
P1742 Torque Converter Clutch Solenoid Shorted
P1743 Torque Converter Clutch Failed On - TCIL is On
P1744 Torque Converter Clutch Solenoid Mechanical Fault
P1746 Electronic Pressure Control Solenoid Circuit Open
P1747 Electronic Pressure Control Solenoid Circuit
P1749 Electronic Pressure Control Solenoid Circuit Low
P1751 Transmission Shift Solenoid 'A' Mechanical Fault
P1752 Transmission Shift Solenoid 'A' Circuit Shorted
P1754 Transmission Coast Clutch Solenoid Electrical Fault
P1756 Transmission Shift Solenoid 'B' Mechanical Fault
P1757 Transmission Shift Solenoid 'B' Circuit Shorted
P1761 Transmission Shift Solenoid '3' Mechanical Fault
P1762 Transmission SS3/SS4/OD Band Fault
P1765 Transmission 3-2 Timing Solenoid Valve
P1767 Torque Converter Clutch Solenoid Circuit
P1771 Throttle Position Sensor Circuit Open to [Transmission Control](#) Module
P1772 Throttle Position Sensor Circuit Shorted to Transmission Control Module
P1780 Transmission Control Switch Circuit
P1780 Overdrive Off Switch not Cycled during the Self Test
P1781 Transmission 4x4 Low Switch out of Range Fault
P1783 Transmission Fluid Temperature High Input
P1788 3-2T/CCS Circuit Open
P1789 3-2T/CCS Circuit Shorted
P1794 Powertrain Control Module Battery Direct Power Circuit
P1797 P/N Switch Open or Short Circuit
P1900 Turbine Speed Sensor Circuit Intermittent
P1901 Torque Converter Clutch Circuit Intermittent